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ELECTRONIC

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|--|------------------|----------------------|---------------------|------------------|
| 10/511,564 | 10/15/2004 | Rajendra K Joshi | 08201.0064-00000 | 4636 |
| 65779 7590 11/25/2009 BIOGEN IDEC / FINNEGAN HENDERSON, LLP | | | EXAMINER | |
| 901 NEW YORK AVENUE, NW | | | VALENROD, YEVGENY | |
| WASHINGTO | N, DC 20001-4413 | | ART UNIT | PAPER NUMBER |
| | | | 1621 | |
| | | | | |
| | | | NOTIFICATION DATE | DELIVERY MODE |

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

Lauren.Stevens@finnegan.com Regional-Desk@finnegan.com

Office Action Summary

| Application No. | Applicant(s) | | | | |
|-------------------|--------------|---|--|--|--|
| 10/511,564 | JOSHI ET AL. | | | | |
| Examiner | Art Unit | _ | | | |
| YEVEGENY VALENROD | 1621 | | | | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS.

- WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed
- after SIX (6) MONTHS from the mailing date of this communication. - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication Failure to reply within the set or extended period for reply will by n to become ABANDONED (35 U.S.C. § 133)

| | ed by the Office later than three months erm adjustment. See 37 CFR 1.704(b). | s after the mailing date of this communication, even if timely filed, may reduce any |
|----------------------|--|--|
| Status | | |
| 1) Respoi | nsive to communication(s) fi | iled on <u>01 July 2009</u> . |
| 2a)∐ This ac | ction is FINAL. | 2b)⊠ This action is non-final. |
| 3)☐ Since t | his application is in condition | n for allowance except for formal matters, prosecution as to the merits is |
| closed | in accordance with the prac | etice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213. |
| Disposition of C | laims | |
| 4)⊠ Claim(s | s) <u>13-15,20-26,30-35</u> and 3 | <u>7</u> is/are pending in the application. |
| 4a) Of t | he above claim(s) is/ | /are withdrawn from consideration. |
| 5)☐ Claim(s | s) 37 is/are allowed. | |

- 6) Claim(s) 13.14.20-22.25.26 and 34 is/are rejected.
- 7) Claim(s) 15,23,24,30-33 and,35 is/are objected to.
- 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) The specification is objected to by the Examiner. 10) The drawing(s) filed on is/are; a) accepted or b) objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abevance. See 37 CFR 1.85(a).

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

a) ☐ All b) ☐ Some * c) ☐ None of:

| 1. | Certified copies of the priority documents have been received. |
|----|--|
| 2. | Certified copies of the priority documents have been received in Application No |
| 3. | Copies of the certified copies of the priority documents have been received in this National Stage |
| | application from the International Bureau (PCT Rule 17.2(a)). |

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

| 1) Notice of References Cited (PTO-892) | 4) Interview Summary (PTO-413) | |
|--|---|--|
| Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date | |
| Information Disclosure Statement(s) (PTO/SB/08) | Notice of Informal Patent Application | |
| Paper No(s)/Mail Date | 6) U Other: | |

Application/Control Number: 10/511,564

Art Unit: 1621

DETAILED ACTION

Rejection of claims 14, 20, 26 and 36 is withdrawn in view of applicants' amendment.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for petent in the United States.

Claims 13, 14, 20, 21, 22, 25, 26 and 34 are rejected under 35 U.S.C. 102(b) as being anticipated by Vellturo et al. (*Journal of Organic Chemistry*, **1966**, *31*(7), 2241-2244).

On page 2243, Scheme III, Vellturo et al describe preparation of compounds XVIIa and XVIIb. The starting material III meets all of the structural limitations of the compound in the instantly claimed preparations. On page 2244, second column, in the section where the experimental details of syntheses of compound XVII are provided, Vellturo et al teach dissolving the diacid-diester in methanol. The diacid-diester dissolved in methanol meets the limitations directed to the pharmaceutical preparation.

Claim objections

Application/Control Number: 10/511,564

Art Unit: 1621

Claims 15, 23, 24, 30, 31, 32, 33, 35 and 37 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Allowed claims

Claim 37 is allowed.

Conclusion

Claims 13-15, 20-26, 30-35 and 37 are pending

Claims 13, 14, 20, 21, 22, 25, 26 and 34 are rejected

Claims 15, 23, 24, 30, 31, 32, 33 and 35 are objected to

Claim 37 is allowed

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Yevgeny Valenrod whose telephone number is 571-272-9049. The examiner can normally be reached on 8:30am-5:00pm M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Daniel Sullivan can be reached on 571-272-0779. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Application/Control Number: 10/511,564 Page 4

Art Unit: 1621

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Yevgeny Valenrod/

Yevgeny Valenrod Patent Examiner Technology Center 1600

/Daniel M Sullivan/ Supervisory Patent Examiner, Art Unit 1621